

Special Issue

Intelligent Methods and Applications in Electronics

Message from the Guest Editors

Intelligent methods associated with computational intelligence are nowadays used widely in different industrial environments. Despite the advantages intelligent methods offer over the statistical methods used traditionally, they still have not been utilised by the electronics industry on a large scale. This Special Issue therefore aims to provide a comprehensive overview of the current state of the art, analytical models, case studies, software and hardware solutions, data analytics through design methodologies and technical solutions or practical applications. The topics of interest include, but are not limited to: Intelligent design of microelectronic and optoelectronic devices; Intelligent quality assurance of electronic devices; Intelligent software-defined networks; Intelligent network performance analysis; Intelligent network routing and capacity planning; Intelligent fulfilment of QoS requirements; Intelligent smart IoT applications; Intelligent cloud, edge and fog infrastructure; Intelligent electronics for quantum computing; Intelligent electronics for scientific experiments; Intelligent pattern recognition in audio and video.

Guest Editors

Dr. Marian Rusek

Dr. Michał Szymański

Dr. Dariusz Strzęciwilk

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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